

Mehmood Ali

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EDUCATION

HAW Hamburg <i>Masters of Science in Micro Electronic Systems</i>	Oct. 2025 – Jul. 2027 <i>Hamburg, Germany</i>
HAW Hamburg <i>Bachelor of Science in Information Engineering</i>	Oct. 2021 – Feb. 2026 <i>Hamburg, Germany</i>

EXPERIENCE

Software Engineer / Product Manager (Remote) <i>Filter Tutor</i> <ul style="list-style-type: none">Managed product lifecycle from requirements to sprint planning, prioritization, and delivery.Designed and optimized workflows using Agile (Scrum) methodologies, managing Jira boards for sprint planning, backlog grooming, and progress tracking.Contributed to software engineering tasks including feature development, debugging, and deployment, while balancing product management responsibilities. Tech Stack: Node.js, React.js, Git, AWS/Heroku — Agile (Scrum), Jira, Product Roadmapping	May 2024 – Ongoing <i>Karachi, Pakistan</i>
Intern Full-Stack Developer <i>Filter Tutor</i> <ul style="list-style-type: none">Planned and delivered full-stack applications (React.js, Node.js/Express, PostgreSQL) while coordinating tasks to meet project milestones.Collaborated with teams to define requirements, manage sprints, and ensure timely, scalable feature delivery.Deployed on Heroku and maintained Git workflows and documentation to support security and team collaboration. Tech Stack: Node.js, JavaScript, React, Git, HTML, CSS, PostgreSQL — Agile (Scrum), Jira	Nov. 2023 – April. 2024 <i>Karachi, Pakistan</i>
Tutor of Lernprojekt (LSL2) <i>HAW Hamburg</i> <ul style="list-style-type: none">Managed a 100+ student project, handling task distribution, progress tracking, and milestones.Facilitated team collaboration by setting goals, resolving conflicts, and ensuring smooth communication.	Oct. 2023 – Oct. 2023 <i>Hamburg, Germany</i>

PROJECTS

Neural Networks and Data Sciences <i>Python, Tensor Flow, Jupyter, Pandas</i> <ul style="list-style-type: none">Elective University Module: Using Python, Jupyter, and Pandas to analyze Large Language Models (LLMs), with plans to build a custom LLM using TensorFlow.	Oct 2024 – Feb. 2025
Sustainable Fishing Game <i>Godot Gaming Engine, Git, Godot Script</i> <ul style="list-style-type: none">Elective University Project: The game aims to deliver the message of sustainability with regards to over-fishing and plastic pollution that ruins our beautiful oceans.	Oct 2024 – Feb 2025
OCR Android Application <i>Node.js, React, SQLite, Android Studio</i> <ul style="list-style-type: none">Elective University Project: The application uses the phone's camera to Scan a document and utilizes the OCR capabilities to read and store the data about Dual-Studium students.	Aug 2024 – Oct 2024

TECHNICAL SKILLS

Languages: JavaScript (ES6), Python, Java, C, HTML5, CSS3, EJS, Godot Script Language
Frameworks/Libraries: React.js, Node.js, Express.js, REST APIs, FreeRTOS, Matlab/Simulink
Databases: MySQL, PostgreSQL
Other Tools: Git, Bash/Shell Command Line, Spyder/Jupyter, Linux (Terminal Commands, AWS Cloud, Heroku)

CERTIFICATIONS

The Complete 2024 Web Development Bootcamp - Udemy: HTML5, CSS3, Javascript, Node, React, PostgreSQL, Web3 and DApps

Spoken Languages: German (B1), English (C1/C2)